

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-334205  
 (43)Date of publication of application : 18.12.1998

(51)Int.Cl. G06K 19/077  
 G06K 17/00  
 G06K 19/073

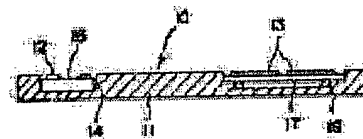
(21)Application number : 09-141907 (71)Applicant : TOSHIBA CORP  
 (22)Date of filing : 30.05.1997 (72)Inventor : OHARA MINORU

## (54) IC CARD AND MEMORY PACKAGE

## (57)Abstract:

PROBLEM TO BE SOLVED: To allow the single memory package to conduct arithmetic processing and to record lots of capacity of data by providing an IC and a flush memory in a base card.

SOLUTION: A recessed part 14 on the front side of a base card 11 is formed at a position corresponding to the position of the connector of a conventional IC card, and an IC 15 is mounted on the recessed part 14. The IC 15 is a one-chip integrated circuit that integrates storage, arithmetic and control functions required for desired information processing such as password processing and encryption processing. The IC 15 is provided with a security circuit to prevent illegal write and forgery of data and pluralities of contact terminals for data input output and they are exposed on the front side of the base card 11 and extended almost over the front side. The IC 15 is accessed by an IC card reader/writer via a terminal array. A simultaneous deletion flush memory 17 is provided onto a recessed part 16 to store large capacity of data. A contact terminal 13 is provided for the memory 17 and exposed on the same contact face as that of the IC 15 and extended almost all over of the front side.



## LEGAL STATUS

[Date of request for examination]  
 [Date of sending the examiner's decision of rejection]  
 [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
 [Date of final disposal for application]  
 [Patent number]  
 [Date of registration]  
 [Number of appeal against examiner's decision of rejection]  
 [Date of requesting appeal against examiner's decision of rejection]  
 [Date of extinction of right]

Copyright (C); 1998,2000 Japanese Patent Office